

ABSTRACT OF THE DISCLOSURE

NON-DUSTING ROLL FOR TFT GLASS

A refractory roll cover is described that reduces the amount of noxious dust
5 during the production of glass sheet. The roll cover comprises a plurality of segments,
including low dusting millboard segments mechanically supported by highly rigidized
compressed fiber segments. The millboard segments are adapted to contact the glass
sheet. The millboard is chosen so that any dust produced has little affinity for the glass
sheet or is not easily fluidized by convective currents. The highly rigidized compressed
10 fiber has a fused surface that releases little dust. The resultant roll cover substantially
eliminates dusting while providing a mechanically superior roll cover.